

Homework Assignment #9
Due Date, Monday 11/27

1. Let G be a graph with n vertices whose edges set is the disjoint union of three spanning trees. Say that each vertex of G has degree 4 or 6. How many vertices of degree 4 does G have?

2. Find up to isomorphism all trees on 6 vertices.

3. Find up to isomorphism all trees on 7 vertices which have maximum degree at most 3.